Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 04 Dec 2023 until 23:59 on Tuesday 05 Dec 2023

Forecast Issued on Sunday 03 Dec 2023 at 14:54

Confidence: High for generally unsettled conditions with a transition to milder weather later in the week, low for the details.

Headline for Monday 04 Dec 2023: Cloudy with outbreaks of rain , heavy at times with sleet or snow over the summits.

Mountain weather hazards on Monday 04 Dec 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
Low Likelihood

Severe chill effect
High Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Sleet	Sleet	Sleet	Sleet	Sleet	Sleet
Precipitation probability							
60%	80%	80%	80%	70%	60%	60%	60%

Forecast for Monday 04 Dec 2023

Weather: Cloudy with outbreaks or rain overnight, falling as snow above around 200 metres at first, the snow level slowly rising top 600 metres. Cloudy through the day with outbreaks of rain continuing, heavy at times with sleet or snow over the summits. Little change during the evening with further rain and summit sleet or snow

Chance of cloud-free hill tops above 600m: 20%

Low cloud and visibility: Broken cloud with bases 400-600 metres. Moderate or poor visibilities.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 04 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 E	18/25 NE	17/24 NE	17/25 E	17/24 NE	16/23 NE	17/26 NE	17/25 NE	16/23 NE
300	13/21 NE	16/24 NE	16/25 NE	11/18 NE	12/19 NE	11/18 NE	12/19 NE	10/17 NE	11/18 NE
Valley	16/30 E	17/35 NE	15/31 NE	13/26 E	12/24 E	7/17 NE	9/21 NE	7/18 NE	8/19 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-8	-1/-8	-1/-7	-0/-7	-1/-7	0/-6	0/-6	1/-5	0/-5
300	0/-5	0/-5	1/-4	1/-3	1/-3	2/-3	2/-2	3/-1	2/-2
Valley	1/-5	1/-4	2/-3	2/-3	2/-2	3/-0	3/-1	3/0	3/-0
Freezing Level*	300m	300m	400m	600m	600m	700m	700m	800m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 03 Dec 2023	0mm	0mm	0.4mm

Forecast for Tuesday 05 Dec 2023

Weather: Outbreaks of rain and summit snow turning more showery overnight. Cloudy through the day with showers turning lighter and more isolated, then mainly dry during the evening with perhaps some clear spells.

Maximum wind: North or NE 15 gust 25 mph, slowly easing

Chance of cloud-free hill tops above 600m: 20% improving 50% later.

Low cloud and visibility: Broken cloud base 400-600 metres, becoming more scattered during the evening. Visibilities good, but moderate or poor in early rain or showers.

Temperature: **Valleys:** Plus 2 rising to 4 Celsius
At 600m: Zero decreasing minus 3 Celsius later
Freezing level: 600 metres lowering to 400 metres later

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